

Siemens A5E00714562

Inverter Driver Board / Product dashboard

This consolidated record joins Siemens A5E00714562 identity, technical limits, applications, precautions and release evidence on one review surface.

IDENTITY
Siemens A5E00714562

PRODUCT ROLE
Inverter Driver Board

PLATFORM
SINAMICS Powerblock

CONTROL BASIS
Exact evidence plus installed-system record

Exact identifier	A5E00714562
Board designation	IGD2/R4
Component class	Internal inverter driver board / drive firing card
Service role	Spare repair component
Parent platform	SINAMICS Powerblock
Documented families	SINAMICS S120 / G120 / G130

The dashboard places A5E00714562 identity, operating role and maintenance boundaries in one review surface for the SINAMICS Powerblock installation.

Dashboard boundary

This overview supports identification and maintenance planning; it does not declare compatibility with a neighboring model or approve a redesign.

Siemens A5E00714562

Inverter Driver Board / Technical matrix

Exact identifier	A5E00714562
Board designation	IGD2/R4
Component class	Internal inverter driver board / drive firing card
Service role	Spare repair component
Parent platform	SINAMICS Powerblock
Documented families	SINAMICS S120 / G120 / G130
Example parent drive	6SL3310-1TE35-0AA3
Associated IGBT module	FS450R12KE3_S1
Documentation basis	Parent-drive hardware and service manuals
Troubleshooting context	Power-unit fault diagnostics
Referenced fault examples	F30021 / F07490
Standalone operation	Not applicable

DATA USE

Values support exact-model identification and configuration review.

LIMIT CONTROL

Electrical, software and loading limits remain subject to the installed design.

RECORD SOURCE

User-supplied A5E00714562 technical identity record

REVISION NOTE

Exact-model service data authorized by the user; original summary PDF is not distributed

Siemens A5E00714562

Inverter Driver Board / Application architecture

Powerblock gate-drive service

Restores the internal firing-card role in the documented power section.

SINAMICS repair work

Supports controlled repair of an S120, G120 or G130 Powerblock context.

IGBT driver replacement

Reinstates the recorded interface to the associated FS450R12KE3_S1 module.

Fault-led maintenance

Uses parent-drive diagnostics and the retained assembly record to guide service.

Input to decision	Exact label plus manufacturer evidence
Installed context	Rack, terminal, network, project and connected process
Change control	Approved scope and retained configuration baseline
Proof	Diagnostic state plus witnessed functional result

Within the SINAMICS Powerblock context, A5E00714562 must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

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Inverter Driver Board / Risk and decision register

PRIMARY RISK

A mismatch between the A5E00714562 label and the installed inverter driver board record.

CONFIGURATION RISK

Loss of the A5E00714562 project, mapping, wiring or interface baseline.

SELECTION RISK

Treating another SINAMICS Powerblock item as automatically equivalent to A5E00714562.

RELEASE RISK

Returning A5E00714562 to control before diagnostics and functional response are witnessed.

Decision register

What internal function does Siemens A5E00714562 perform?

It is identified as an internal inverter driver board and drive firing card.

Which drive families are cited for Siemens A5E00714562?

The supplied data places it in SINAMICS S120, G120 or G130 Powerblock service contexts.

Which IGBT module is commonly paired with Siemens A5E00714562?

The supplied record names FS450R12KE3_S1.

Which fault examples are relevant when servicing Siemens A5E00714562?

The supplied reference cites F30021 and F07490 as parent power-unit troubleshooting examples.

Which board designation is associated with Siemens A5E00714562?

The supplied reference identifies the board as IGD2/R4.

Which example parent drive is named for Siemens A5E00714562?

The reference cites 6SL3310-1TE35-0AA3 as an example Powerblock drive model.

Why does Siemens A5E00714562 not use a standalone wiring manual?

It is an internal service board, so wiring and replacement procedures belong to the parent drive hardware documentation.

What completes commissioning of Siemens A5E00714562?

Confirm the parent Powerblock identity, restored connector record, IGBT interface, healthy diagnostics and controlled drive operation.

Decision closeout

Approve the A5E00714562 decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

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Inverter Driver Board / Canonical record and support

Canonical identity	Siemens A5E00714562
Product name	Inverter Driver Board
Family	SINAMICS Powerblock
Selection boundary	Exact identity; no neighboring-model inference
Release boundary	Installed record plus witnessed functional proof

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

Siemens A5E36717811

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Siemens 6SL3200-0SP01-0AA0

[View Siemens 6SL3200-0SP01-0AA0 page](#)

MANUFACTURER EVIDENCE RECORD

User-supplied A5E00714562 technical identity record

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Send the exact model, quantity, destination and requested condition for a quotation.

